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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

50X1-HUM

COUNTRY	Hungary	REPORT	
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THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. Hydroelectric Power Plant near Tiszalök

- a. A hydroelectric power plant is being built about 3 km. from Tiszalök. When this installation is completed it will be one of the largest and most useful hydroelectric power plants in Hungary. A large collecting basin is also being built near the power plant and the water will be used to irrigate large areas in Szolnok County. The parallel branch of the Tisza River will be cut near Ráscs Puszta, at which point about 5,000,000 cu. m. of earth has been excavated. The concreting of the dikes is progressing rapidly. Once the power plant enters into operation, about 50,000,000 kw. will be produced.
- b. The following work has been completed: a turbine house, about 80 m. long by 20 m. wide by 18 m. high. The railroad car factory of Gans has sent three turbines which have already been mounted. Work on the buildings, where the generators will be installed, is in progress. It is expected that the power plant, the dam, the collecting basin, and the locks for the boats will be completed by the end of 1954.
- c. The collecting basin will raise the normal level of the Tisza River by 8 m. As a result tugboats will be able to go up the Tisza as far as Záhony on the Hungarian-Soviet border and vessels on the Bodrog will go as far as Satoraljaújhely. The excavations for the boat locks are almost finished. The channel in the locks will be 85 m. long and 17 m. wide.

2. Irrigation Canals

- a. Simultaneously, work on the so-called "Main East Irrigation Canal" is being pushed. This canal will start east of the hydroelectric power station at Tiszalök. Smaller canals will branch off from this main canal. The zone south of the Tisza River is the most arid in Hungary. The average rainfall is scarcely 400 mm. per year. Canalization, by

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means of the water from the Tisza River, will permit the irrigation of the eastern and central zones of Szolnok County and half of the western part of Hajdu County. The "East Canal" will run through the "Losz-Plateau" of Debrecen and the "West Canal" through the "Heights of Losz" (sic) along the Tisza River.

- b. The "East Canal" will receive 5 cu. m. of water per second from the Tisza River.
- c. The canal will have the following course: Tiszalök-Büdszentmihály-Hajduboszormeny-Balmazújváros-Bakonszeg (southwest of Berettyóújfalú). At this point the canal will join the Berettyó River. The total length of this canal will be about 100 km. and the depth will be sufficient to permit 1,000-ton tugs to use it.
- d. Ports will be built at Hajdunánás, Balmazújváros, and at Hajduszboszó.
- e. Near the town of Tiszakeszi, a pumping station will be built to supply the secondary canals to the east of the Hortobágy. The main canal is to be finished in 1953 but will not be in full operation until the spring of 1954.
- f. Jointly, the "East" and "West" canals will irrigate about 200,000 hectares which, in turn will mean an increase in the rice acreage. The zones on each side of the canals will be planted with trees. There are about 20,000 deportees working 12-14 hours a day on these projects.

3. Other Projects Along the Tisza

- a. Cutting the Tisza River near Tiszadada, with a hydroelectric power plant and a canal.
- b. Cutting the branch of the Tisza River near Tiszadob, with a hydroelectric power plant.
- c. The Tiszaluc Hydroelectric Power Plant is used principally to supply current to the factories in Diosgyőr. A canal branching off the Hernád River, between Belőbőcs and Kőőbőcs, supplies the water. The hydroelectric power plant has two Ganz turbines. The daily capacity is about 25,000 kw. ¹

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Legend to sketch of projects along the Tisza River:

- 1. Hydroelectric power plant near Tiszalök.
- 2. Main East Irrigation Canal.
- 3. Hydroelectric power plant and canal near Tiszadada.
- 4. Hydroelectric power plant at Tiszadob.
- 5. Hydroelectric power plant at Tiszaluc.

Annex: Sketch-map of projects along the Tisza River (2 pages)

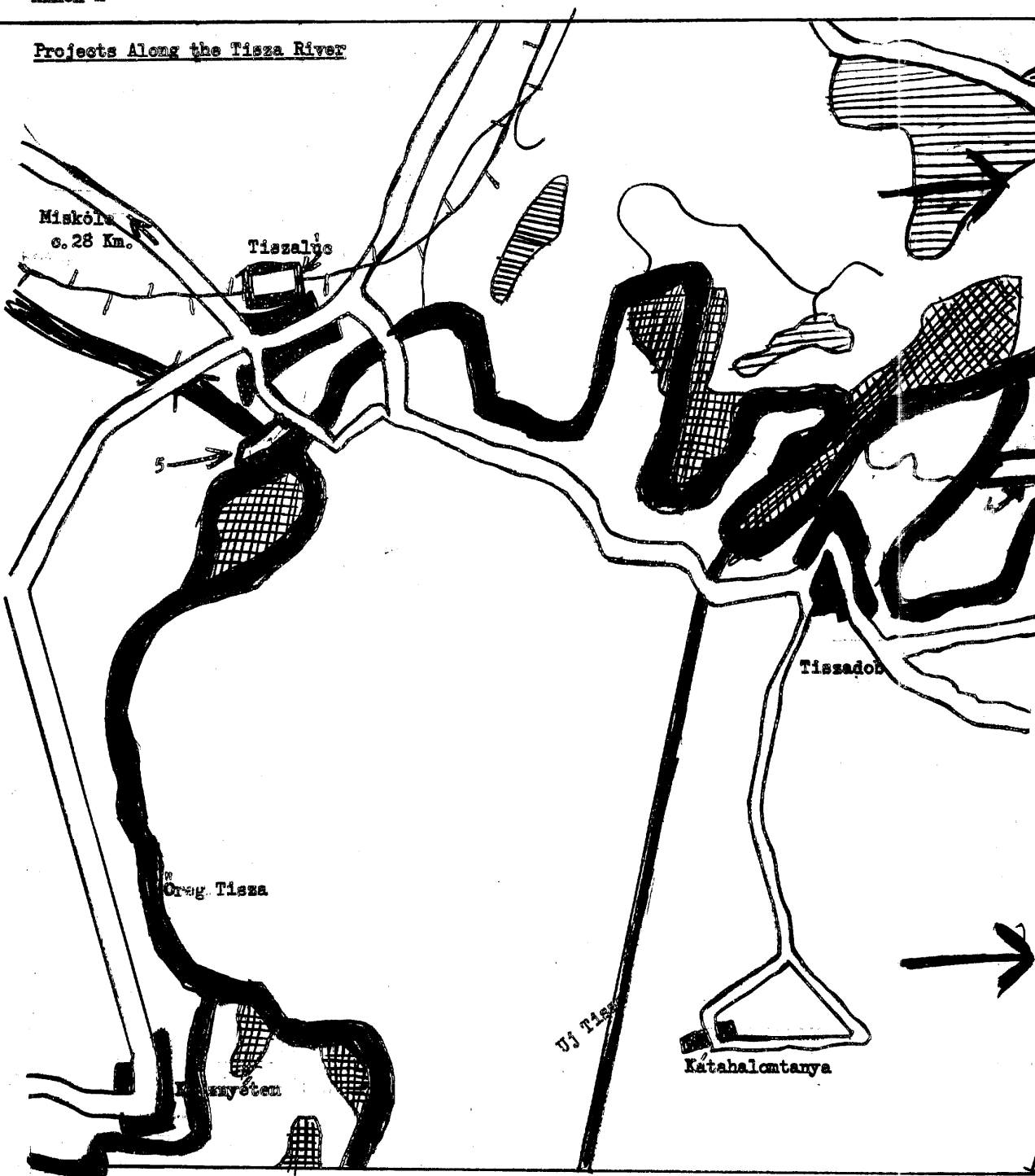
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Annex A

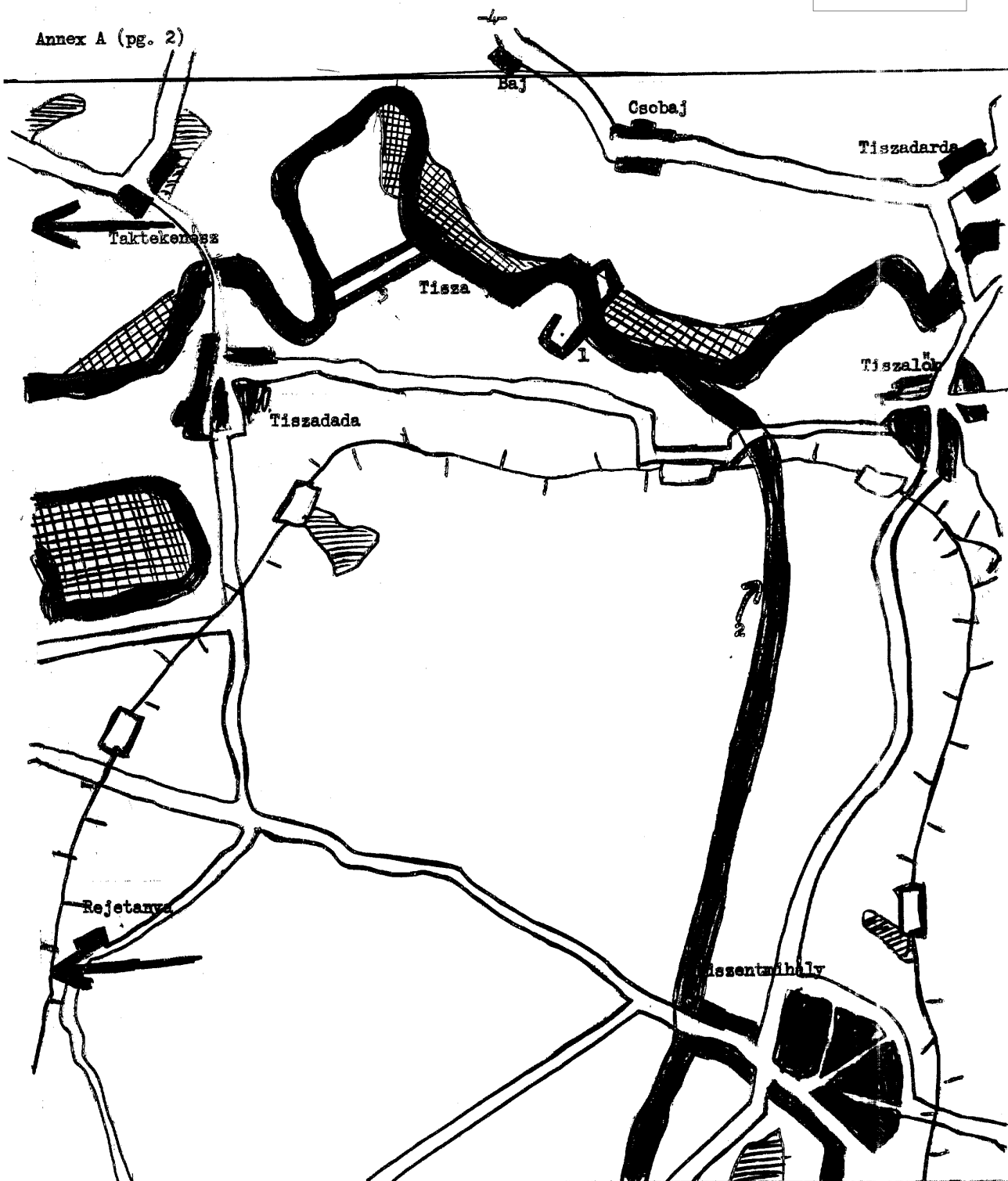
Projects Along the Tisza River



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Annex A (pg. 2)



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